8	7	6	5 4	3	2	1
GENERAL CRITE	RIA:		MATERIAL CRITERIA:			
	AS A STAND ALONE PACKAGE OR A		1. CONCRETE:			
LARGER DRAWING PACKAGE. ENGINEERING REVIEW AND APPROVAL SHALL BE OBTAINED FOR SITE—SPECIFIC CONDITIONS.		AL SHALL BE	A. CONCRETE WORK PER LANL MASTER SPEC FOR REINFORCED CONCRETE.			
 PLAN AND SECTIONS ARE SHOWN ON SHEETS 1 AND 2 OF DRAWING ST-G4010-40. 		AWING	B. CONCRETE COMPRESSIVE STRENGTH (28 DAY): f'c = 4000 PSI			
3. ANY DISCREPANCIES SHALL BE REPORTED TO THE RESPONSIBLE ENGINEER PRIOR TO CONSTRUCTION.		BLE ENGINEER	C. 4% TO 6% ENTRAINED AIR			
4. DO NOT SCALE DRAWINGS TO DETERMINE DIMENSIONS.			D. 3/4" AGGREGATE TOPSIZE E. ALL CONCRETE SHALL BE REINFORCED AS INDICATED ON SHEETS 1 AND 2.			
5. NEW CONSTRUCTION SHALL BE COORDINATED WITH EXISTING SITE CONDITIONS.		E CONDITIONS.	F. REINFORCING STEEL SHALL BE ASTM A615 GRADE 60.			
	ALL NECESSARY PRECAUTIONS TO LO UITS, PLUMBING, OR OTHER UTILITIES		G. REINFORCING STEEL SHALL BE CONTINUOUS U.N.O.			
7. WHERE DIMENSIONS SHOWN ON SHEETS 1 AND 2 OF ST-G4010-40 ARE SPECIFIED AS MIN OR MAX, SUBCONTRACTOR SHALL MAKE NECESSARY FIELD		D-40 ARE SSARY FIELD	H. PROVIDE WOOD FLOAT FINISH FREE OF DEPRESSIONS			
MEASUREMENTS AND PROVIDE REQUIRED DIMENSIONS. 8. SHEET NUMBERING AND CALL—OUT REFERENCING WILL NEED TO BE UPDATED TO		RE LIPDATED TO	2. POST-INSTALLED ANCHORS:			
FOLLOW LANL STANDARDS	AND INTEGRATE INTO DRAWING PACK	AGES.	A. POST—INSTALLED ANCHORS PER LANL MASTER SPEC(S) FOR NORMAL CONFIDENCE POST—INSTALLED ANCHORS.			
			B. POST-INSTALLED ANCHORS SHALL BE INSTALLED IN COMPLIANCE THE MANUFACTURER'S INSTALLATION GUIDELINES AND ICC REPORT.			
			C. EMBEDMENTS SHOWN ON THE DRAWINGS ARE MINIMUM EMBEDMENT DEPTHS.			
			D. POST-INSTALLED ANCHORS SHALL NOT CONFLICT OR DAMAGE CONCRETE REBAR.			
DESIGN CRITER	Δ.					
APPLICABLE CODES AND A. INTERNATIONAL BUILT						
B. AMERICAN SOCIETY (DF CIVIL ENGINEERS — MINIMUM DESI ER STRUCTURES 2005 (ASCE 7-05).	GN LOADS FOR				
C. AMERICAN CONCRETE INSTITUTE — BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-08).						
	STANDARDS MANUAL STD-342-100. RICAL AND ELECTRONIC ENGINEERS -	NATIONAL ELECTRICAL				
SAFETY CODE 2007		NATIONAL ELECTRICAL				
THIS DESIGN IS FOR ML- BE REQUIRED.	4. FOR ML-1, ML-2, AND ML-3, ADDIT	IONAL REQUIREMENTS MAY				
3. STRUCTURE PERFORMANCE	E CATEGORY: PC-1 OR PC-2					
4. CALCULATIONS: CAL-12-00-0000-0	0017_S_P_0					
	0017-3-R-0					1 1
 DESIGN LOADS: A. DEAD LOADS: SELF WEIGHT OF TRANSFORMER (FROM 0 LBS - 3700 LBS.) 						
B. SEISMIC DESIGN BASED ON LANL ESM CHAPTER 5 SECTION II REV 6. SEISMIC DESIGN PARAMETERS:						
SDS = 0.75g I = 1.5					NO DATE CLASS ADC	DESCRIPTION DWN DSG
R = 1.5					REV REV	
					ENGINEERING S	
FOLINDATION NOTES.					ENGINEERING STANDA	ARDS MANUAL DESIGN
FOUNDATION NOTES:					LOW VOLTAGE DRY TYPE THREE P	PHASE TANSFORMER PAD CHECKED
ALLOWABLE SOIL BEARIN SITE PREPARATION PER	G PRESSURE = 1500 PSF LANL MASTER SPEC FOR EARTH MOVI	NG.			GENERAL NOT	TA-XX DATE
2. SHE TREFARMION PER	S.T. MOTER SI EO TOR EARTH MOVI				SUBMITTED DISCIPLINE POC: DUANE NIZIO	APPROVED FOR RELEASE STANDARDS MANAGER: TOBIN ORUCI
					A	SHEET S-
					LOS Alamos PO Box	1663
						mos, new Mexico 67343

CHAPTER 7

DATE: 1/1/2012
REV
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G-4010-40